

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kazunori OZAWA

Appln. No. 09/852,274

Confirmation No.: 5444

Filed: May 10, 2001

For: SHEET CODER AND SHEET DECODER



Group Art Unit: 2641

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. M. Schroeder et al., "Code-Excited Linear Prediction (CELP): High-Quality Speech at Very Low Bit Rates", Proceedings ICASSP, March 26-29, 1985, pp. 937-940 with Abstract.
2. W.B. Kleijn et al., "Improved Speech Quality and Efficient Vector Quantization in SELP", Proceedings ICASSP 88, pp. 155-158 with Abstract.
3. C. Laflamme et al., "16 KBPS Wideband Speech Coding Technique Based on Algebraic CELP", Proceedings ICASSP, (1991), pp. 13-16 with Abstract.

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4. Nakamizo, "Signal Analysis and System Identification", (published in 1998, Corona), pp. 82-87.
5. N. Sugamura et al. "Speech Data Compression by LSP Speech Analysis-Synthesis Technique", (Journal of the Electronic Communications Society of Japan, J64-A, 1981), pp. 599-606.
6. Japanese Laid-Open Patent Application No. 4-171500, published June 18, 1992.
7. Japanese Laid-Open Patent Application No. 4-363000, published December 15, 1992.
8. Japanese Laid-Open Patent Application No. 5-6199, published January 14, 1993.
9. T. Nomura et al., "LSP Coding Using VQ-SVQ With Interpolation in 4.075 Kbps M-LCELP Speech Coder", Proc. Mobile Multimedia Communications, (1993), pp. B.2.5-1 -B.2.5-4 with Abstract.
10. Japanese Laid-Open Patent Application No. 6-222797, published August 12, 1994.
11. P. Kroon et al., "Pitch Predictors with High Temporal Resolution", (Proc. ICASSP), 1990, pp. 661-664 with Abstract.
12. Y. Linde et al., "An Algorithm for Vector Quantizer Design", (IEEE Transactions on Communications, Vol. COM-28, No. 1), January 1980, pp. 84-95 with Abstract.

One copy of each of the listed documents is submitted herewith.

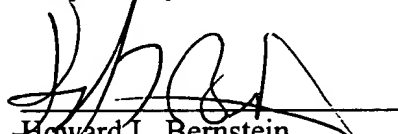
The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a

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request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant states that the above references 4, 5, 6, 7, 8 and 10 are discussed within the specification beginning at page 13, lines 14 and 24, page 15, lines 1,2 and 3, page 16, line 7. The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,


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